

Cβ

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**(3R,4R)-4-acetoxy 3- (R)-1-hydroxy ethyl) 2-azetidinone -  
useful as an intermediate for synthesis of beta lactam antibiotic**

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Abstract (Basic): JP 4356195 A

(3R,4R)-4-acetoxy-3- ((R)-1-hydroxyethyl) -2-azetidinone (I) is prep'd.  
by treating (3R,4R)-4-acetoxy-3- ((R(-1-formyloxyethyl)- 2-azetidinone as  
solvent, under presence of enzyme that can hydrolyse or transesterificate  
the cpd. site specifically and selectively.

USE/ADVANTAGE - (I) is an important intermediate for synthesis of  
beta-lactam antibiotics.